

Converting Colors

Hex(009235)

Have a look what the booklet for
Hex(009235) contains.

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Color

Hex(009235)

Conversions

Conversions Part 1

Format	Color
Hex	009235
RGB	0, 146, 53
RGB Percent	0%, 57%, 21%
CMY	1.0000, 0.4275, 0.7922
CMYK	1.00, 0.00, 0.64, 0.43
HSL	142°, 100%, 29%
HSV	142°, 100%, 57%
XYZ	10.9215, 20.8148, 6.8102
YIQ	91.7440, -57.1630, -59.8750

Conversions

Conversions Part 2

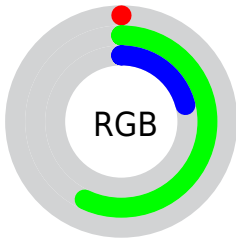
Format	Color
RYB	0, 107, 146
Decimal	37429
CIELab	52.75, -53.24, 39.14
CIELCh	53, 66.077, 143.679
Yxy	20.8148, 0.2833, 0.5400
Android (android.graphics.Color)	4278227509 (0xFF009235)
YUV	91.7440, -19.1008, -80.4595
Hunter-Lab	45.6233, -37.1106, 23.0860

Details

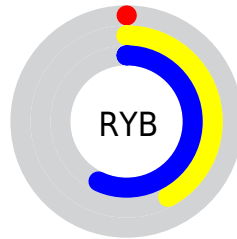
The Hex color **009235** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **92005D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **55C967**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **009235**, and if you desaturate by 10%, it is **0F923E**.

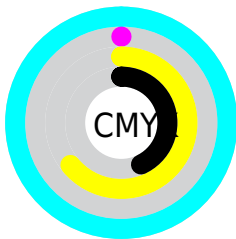
Distribution



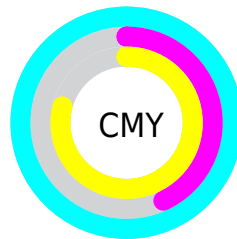
- Red (0%)
- Green (57%)
- Blue (21%)



- Red (0%)
- Yellow (42%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (43%)




- Cyan (100%)
- Magenta (43%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 009235 by changing the saturation by 10% instead.

 009235

 009235

FFFFFF

 00771C

 55C967

 005E00

 73E681

 004500

 90FF9C

 002F00

 ADFFB7

 001100

 CBFFD3

 000000

 E8FFF0

 009235

 0F923E

 1D9248

 2C9251

 3A925A

 499264

 58926D

 669276

 75927F

 839289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6C8800



009235



009770

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



009235



0088EF



E04554

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



009235



92005D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DC418C



009235



6174E7

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



009235



0093D9



B658C2



CA5F1F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



009235



009897



B658C2



E24066

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



009235



84BD99



5F9200



3C5E49



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



009235



00BD45



00927C



434A45



008A32



000A04

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



92005D



BD0078



920016



4A4347



8A0058



0A0006

Previews

White Background



This preview shows how the Hex color 009235 looks on a white background.

Color Contrast Check

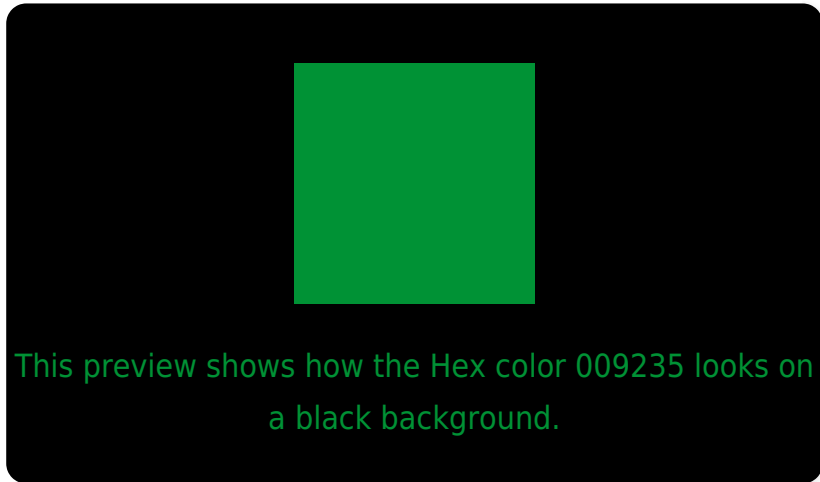
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 009235 Background



This preview shows how black text looks on a background with the Hex color 009235.



This preview shows how white text looks on a background with the Hex color 009235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
009235

Protanopia
8C7D2F

Deuteranopia
9A773D



Tritanopia
3B8994

Trichromacy



Original Color
009235



Protanomaly
598531



Deuteranomaly
62813A



Tritanomaly
268C71

Monochromacy



Original Color
009235



Achromatopsia
5C5C5C



Achromatomaly
3B704E

CSS Examples

Text

The CSS property to change the color of the text to Hex 009235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #009235 looks like.

```
.text, #text, p{  
    color:#009235  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #009235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009235
}
```

Border

The CSS property to change the border of an element to Hex 009235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#009235 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#009235 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #009235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009235; -webkit-box-shadow:4px 4px  
4px 4px #009235; box-shadow:4px 4px 4px  
4px #009235 }
```

Background

The CSS property to change the background color of an element to Hex 009235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009235 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#009235 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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